

INVITATION FOR BIDS

FOR

DIGITAL AERIAL PHOTOGRAPHY

MARICOPA ASSOCIATION OF GOVERNMENTS (MAG)



AUGUST 2006

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PUBLIC NOTICE

INVITATION FOR BIDS:

(DIGITAL AERIAL PHOTOGRAPHY)

The Maricopa Association of Governments (MAG) is requesting bids from qualified vendors for Digital Aerial Photography. MAG uses digital aerial photography for a variety of planning and GIS purposes and desires photography for the entirety of Maricopa County and portions of Pinal and Yavapai County, Arizona.

Detailed requirements may be obtained by contacting the MAG Office at the address below or may be downloaded from:

<http://www.mag.maricopa.gov> (Employment/RFP's)

Bids will be accepted until 12:00 noon (Mountain Standard Time) on September 15, 2006, at Maricopa Association of Governments, 302 North 1st Avenue, Suite 300, Phoenix, Arizona 85003.

SPECIFICATIONS

Introduction

The Maricopa Association of Governments (MAG) is requesting bids from qualified vendors for providing digital aerial photography. It is anticipated that the vendor will have already flown the desired area.

Background

The Maricopa Association of Governments is the designated Metropolitan Planning Organization (MPO) for transportation planning for the metropolitan Phoenix area. MAG is also the designated Air Quality Planning Agency for the region. The MAG membership consists of the 25 incorporated cities and towns within Maricopa County and the contiguous urbanized area, the Gila River Indian Community, the Salt River Pima-Maricopa Indian Community, Fort McDowell Yavapai Nation, Maricopa County and the Arizona Department of Transportation (ADOT).

MAG uses digital aerial photography for a variety of planning and GIS purposes. As the MAG area is growing rapidly, obtaining updated digital aerial photography on an ongoing basis is crucial to planning activities.

Product Specifications

The product provided by the vendor will be digital aerial photography meeting the following specifications:

1) Data Restrictions:

The vendor shall provide to MAG a license for this imagery which will allow MAG to install the imagery on MAG's network server and to display the imagery on the MAG Web site. Additionally, the license shall state that MAG will have the authority to deliver to any MAG member agency, MAG consultant or MAG client, a copy of the imagery and a license to install the imagery on their network server. MAG will require that the member agency or consultant sign a license agreement stating that they will not reproduce or further distribute the data.

2) Area Coverage:

It is desired that the extent of the imagery cover the entirety of Maricopa County and portions of Pinal and Yavapai County, Arizona. It is desirous to include the developing portions of Pinal County including the Municipal Planning Areas (MPA) of Apache Junction, Maricopa, Casa Grande, Eloy, Florence, and Coolidge. Additionally, it is desirous to cover the portion of Yavapai County which is included in the Wickenburg and Peoria Municipal Planning Areas (MPA). The northernmost boundary of the Yavapai County portion of the Wickenburg/Peoria MPA is three miles north of the northern boundary of Township 9 North. A map of the Municipal Planning Areas is on the MAG website at:
www.mag.maricopa.gov/detail.cms?item=4554

All aerial photography shall be flown on clear, cloudless days at a time which will minimize excessive glare or shadows. The imagery shall be clear of visual obstructions such as haze, smoke, dust, clouds, etc.

3) Photo dates:

The imagery shall be flown in 2006, preferably in the April to August time frame.

4) Technical Specifications:

The imagery will be 1.5 foot pixel resolution or better, color, ortho-rectified and seamless. Adjacent images will be tone and contrast matched to give the appearance of a continuous page. The absolute horizontal positional accuracy of the imagery shall meet USGS specifications for 1:12,000-scale digital orthophoto quadrangles. There should be no gaps or slivers between image tiles.

The imagery will be in the Stateplane Coordinate system, Arizona, Central Zone, North American Datum (NAD) 83, units = international feet.

5) Technical Support:

The vendor shall provide technical support for the product for a period of one year from the date of delivery of the product. Technical support shall include assistance should questions or problems arise in the installation or usage of the product.

6) Deliverables:

The vendor shall supply the imagery in 1.5 foot pixel resolution or better.

The imagery will be delivered on CDs or DVDs in 'ECW' compressed file format. The ECW file sizes shall not exceed 3.5 gigabytes. The imagery will be compatible with ESRI products including ArcGIS 9.x, ArcView 3.x and ArcIMS 9.x. Plug-ins for the provided data format and viewer software should also be included.

Additionally, the imagery will be provided as tiff files with corresponding world files (tfw) for geo-referencing. The vendor shall furnish the tiff files on one external drive. The external drive shall be furnished by the vendor and will become the property of the Maricopa Association of Governments upon delivery of the product. The external drive shall be Windows compatible and will support connection via USB 2.0 and firewire. The files on the external drive should be scanned for viruses prior to delivery.

The tiff files should have 'exact pixel registration' as defined on page 13 of the ESRI White Paper 'Raster Data in ArcSDE 8.3'. This document may be found at: www.esri.com/library/whitepapers/pdfs/arcsde83-raster.pdf.

BID REQUIREMENTS

Bid Delivery

1. Three copies of the bid must be submitted by 12:00 Noon (Mountain Standard Time) on September 15, 2006.

Maricopa Association of Governments
Attention: Don Worley
302 North 1st Avenue, Suite 300
Phoenix, Arizona 85003

Timely receipt of bids will be determined by the date and time the bid is received at the above address. Hand delivery is therefore encouraged. No late submissions, facsimile, or electronic submissions will be accepted.

Bids will be opened publicly and the name of each entity submitting a bid will be read at 3:00 p.m. (Mountain Standard Time) on September 15, 2006 at the MAG Offices, Palo Verde room, 302 North 1st Avenue, Suite 200 Phoenix, Arizona, 85003.

All material submitted in response to this solicitation becomes the property of MAG and will not be returned.

Bid Content

It is required that the bid:

1. Be prefaced by a statement describing the vendor's organization and outlining its approach to providing the work required by this solicitation. This statement shall illustrate the bidder's overall understanding of the project.
2. Contain a statement that the bid will be a firm, fixed price.
3. Include a "*Bid Submittal Form*" (See Appendix A).
4. Document within its bid any potential conflicts of interest. A conflict of interest shall be cause for disqualifying a vendor from consideration. A potential conflict of interest includes, but is not limited to:
 - a. Accepting an assignment where duty to the client would conflict with the vendor's personal interest, or interest of another client. All relationships with MAG and / or any employees of MAG.
 - b. Performing work for a client or having an interest which conflicts with this contract.
 - c. Employing personnel who worked for MAG or one of its member agencies within the past three years.

MAG will be the final determining body as to whether a conflict of interest exists.

5. Include a georeferenced sample of the imagery for use by the evaluation team. This sample imagery shall include, at a minimum, the area bounded by 99th Avenue on the west, 83rd Avenue on the east, Northern Avenue on the north and Bethany Home Road on the south. This boundary equates to Sections 3, 4, 9 and 10 of Township 2 North, Range 1 East. The sample imagery should be provided in a native format (such as tiff) and in a compressed format (such as ecw). The samples must be in a format viewable in ArcGIS and be of the same quality and resolution as the surrounding imagery.
6. Include a map clearly showing the extent of the imagery.

BID EVALUATION AND SELECTION PROCESS

1. All bids will be evaluated by an evaluation team consisting of MAG staff and MAG member agency staff. Evaluation criteria include the following:
 - a. Demonstrated understanding of the product desired through a well-defined outline of the approach to providing this product and consistent with stated objectives.
 - b. Proven track record in compiling aerial photography.
 - c. Availability of technical support for a period of one year from date of delivery of product..
 - d. Price.
 - e. Ability and commitment to deliver the product within one month of award of contract.
 - h. Quality of submitted sample materials.
2. On the basis of the above evaluation criteria, selected vendors submitting bids may be interviewed prior to the selection of a product.
3. MAG may conduct discussions with vendors who submit bids determined to be reasonably susceptible of being selected for award.
4. MAG reserves the right to:
 - a. Cancel this solicitation.
 - b. Reject any and all bids and re-advertise.
 - c. Select the bid(s) that, in its judgment, will best meet its needs.

ADMINISTRATIVE REQUIREMENTS

1. This Bid is for a firm fixed price contract.
2. An audit examination of the vendor's records may be required.
3. The vendor that is selected will be required to comply with Titles VI and VII of the Civil Rights Act of 1964. The contractor will comply with Executive Order 11246, entitled Equal Employment Opportunity, as amended by Executive Order 11375 and as supplemented in Department of Labor Regulations (41 CFR Part 60). The contractor will also be required to comply with all applicable laws and regulations of the U.S. Department of Transportation.
4. The vendor selected will be required to comply with MAG insurance requirements, which may include: Workmen's Compensation, Architects and Engineers Professional Liability insurance, Comprehensive General Liability insurance, Business Automobile Liability insurance, and Valuable Papers insurance.
5. The vendor selected is required to document any potential conflicts of interest during the contract period. A conflict of interest shall be cause for terminating a contract. A potential conflict of interest includes, but is not limited to:
 - a. Accepting an assignment where duty to the client would conflict with the vendor's personal interest, or interest of another client.
 - b. Performing work for a client or having an interest which conflicts with this contract.
 - c. Employing personnel who worked for MAG or one of its member agencies within the past three years.

MAG will be the final determining body as to whether a conflict of interest exists.
6. MAG has the right to reject any and all bids.

APPENDIX A

BID SUBMITTAL FORM

BID SUBMITTAL FORM

All vendors bidding on this product are required to submit this form.

Please complete this form and return it with your bid.

1. GENERAL INFORMATION:

Name of Vendor: _____

Street Address: _____

City, State, ZIP _____

Mailing Address: _____

City, State, ZIP _____

Telephone Number _____

Fax Number: _____

E-mail address: _____

Web address: _____

Year firm was established _____

2. BID INFORMATION:

Bid Amount: \$ _____

Extent of Photography: _____

Product delivery date: _____

Product specifications:

Information will be maintained as confidential to the extent allowed by federal and state law. The undersigned swears that the above information is correct. Any material misrepresentation may be grounds for terminating any contract which may be awarded and initiating action under federal and state laws concerning false statements.

Name, (Signature)

Date

Name, Title (Print)

